

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) A gas-fed incubator with a work space ~~[[in]]~~ comprising:

~~an inner container[[:]] that can be closed by means of a door with temperature control, wherein the inner container is surrounded by~~

~~a heat-insulating outer housing that surrounds the inner container; and in a floor area of the inner container there is~~

~~a humidifier with at least one controllable heating element for an atmosphere of the inner container in the form of a pan holding a water bath, positioned in the floor area of the inner container; and~~

~~a door with temperature control that is configured to close the inner container; wherein the door for closing the inner container has~~

~~a door switch positioned with the gas fed incubator such that it detects the opening of the door, that is electrically connected to an input of~~

~~a control device electrically connected to the door switch, wherein the control device is configured to control that can control a power supply for the at least one controllable heating~~

11/8/2005
OK to enter.
FJS.

element, ~~wherein~~ the control device is configured to increase[[s]] a duration of ~~the heating heat radiating from~~ of the controllable heating element based on a time period that the door is open and a time period between at least the last two door openings, to rapidly increase the humidity.

5. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, wherein the at least one heating element is arranged in a region of the floor area outside of an interior of the inner container.

6. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, wherein the control device has at least one time element adapted to evaluate the time function of the door switch.

7. (Currently Amended) The Gas-gas-fed incubator according to Claim 5, wherein the control device has at least one time element adapted to evaluate the time function of the door switch.

8. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, wherein there is an outer door for closing the outer housing and an inner door that tightly seals the inner container, and wherein the door switch is associated with the inner door.

9. (Currently Amended) The Gas-gas-fed incubator according to Claim 5, wherein there is an outer door for closing the outer housing and an inner door that tightly seals the inner container, and wherein the door switch is associated with the inner door.

10. (Currently Amended) The Gas-gas-fed incubator according to Claim 6, wherein there is an outer door for closing the outer housing and an inner door that tightly seals the inner container, and wherein the door switch is associated with the inner door.

11. (Currently Amended) The Gas-gas-fed incubator according to Claim 7, wherein

there is an outer door for closing the outer housing and an inner door that tightly seals the inner container, and wherein the door switch is associated with the inner door.

12. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, wherein the power supply for the at least one heating element of the humidifier can be controlled by means of the control device such that the at least one heating element can also be used for temperature control in the inner container.

13. (Currently Amended) The Gas-gas-fed incubator according to Claim 5, wherein the power supply for the at least one heating element of the humidifier can be controlled by means of the control device such that the at least one heating element can also be used for temperature control in the inner container.

14. (Currently Amended) The Gas-gas-fed incubator according to Claim 6, wherein the power supply for the at least one heating element of the humidifier can be controlled by means of the control device such that the at least one heating element can also be used for temperature control in the inner container.

15. (Currently Amended) The Gas-gas-fed incubator according to Claim 8, wherein the power supply for the at least one heating element of the humidifier can be controlled by means of the control device such that the at least one heating element can also be used for temperature control in the inner container.

16. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, also comprising at least one additional heating element which is provided in a region of at least one of a side wall and a rear wall of the inner container for temperature control of the inner container.

17. (Currently Amended) The Gas-gas-fed incubator according to Claim 5, also comprising at least one additional heating element which is provided in a region of at least one of

a side wall and a rear wall of the inner container for temperature control of the inner container.

18. (Currently Amended) The Gas-gas-fed incubator according to Claim 6, also comprising at least one additional heating element which is provided in a region of at least one of a side wall and a rear wall of the inner container for temperature control of the inner container.

19. (Currently Amended) The Gas-gas-fed incubator according to Claim 8, also comprising at least one additional heating element which is provided in a region of at least one of a side wall and a rear wall of the inner container for temperature control of the inner container.

20. (Currently Amended) The Gas-gas-fed incubator according to Claim 12, also comprising at least one additional heating element which is provided in a region of at least one of a side wall and a rear wall of the inner container for temperature control of the inner container.

21. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, comprising a digital computer wherein a function of the control device and a function of a regulator for control of an interior atmosphere of the inner container are programmed.

22. (Currently Amended) The Gas-gas-fed incubator according to Claim 5, comprising a digital computer wherein a function of the control device and a function of a regulator for control of an interior atmosphere of the inner container are programmed.

23. (Currently Amended) The Gas-gas-fed incubator according to Claim 6, comprising a digital computer wherein a function of the control device and a function of a regulator for control of an interior atmosphere of the inner container are programmed.

24. (Currently Amended) The Gas-gas-fed incubator according to Claim 8, comprising a digital computer wherein a function of the control device and a function of a regulator for control of an interior atmosphere of the inner container are programmed.

25. (Currently Amended) The Gas-gas-fed incubator according to Claim 12, comprising a digital computer wherein a function of the control device and a function of a regulator for control of an interior atmosphere of the inner container are programmed.

26. (Currently Amended) The Gas-gas-fed incubator according to Claim 16, comprising a digital computer wherein a function of the control device and a function of a regulator for control of an interior atmosphere of the inner container are programmed.

27. (Currently Amended) The Gas-gas-fed incubator according to Claim 4, wherein the inner door is a heatable glass door.

28. (Currently Amended) The Gas-gas-fed incubator according to Claim 5, wherein the inner door is a heatable glass door.

29. (Currently Amended) The Gas-gas-fed incubator according to Claim 6, wherein the inner door is a heatable glass door.

30. (Currently Amended) The Gas-gas-fed incubator according to Claim 8, wherein the inner door is a heatable glass door.

31. (Currently Amended) The Gas-gas-fed incubator according to Claim 12, wherein the inner door is a heatable glass door.

32. (Currently Amended) The Gas-gas-fed incubator according to Claim 16, wherein the inner door is a heatable glass door.

33. (Currently Amended) The Gas-gas-fed incubator according to Claim 21, wherein the inner door is a heatable glass door.